

**AMENDMENT NO. 1 SEPTEMBER 2016
TO
IS 4752 : 1994 SODIUM METABISULPHITE, FOOD
GRADE — SPECIFICATION**

(First Revision)

[Page 1, clause 2] — Insert the following at an appropriate place:

IS No. *Title*
 2711 : 1979 Specification for direct reading pH meters

[Page 2, Table 1] — Substitute the following for the existing table:

Table 1 Requirements for Sodium Metabisulphite
(Clause 3.4)

Sl No.	Characteristic	Requirement	Method of Test, Ref to
(1)	(2)	(3)	(4)
i)	Purity:		Annex A
a)	as Na ₂ S ₂ O ₅ , percent by mass, <i>Min</i>	95	
b)	as SO ₂ , percent by mass, <i>Min</i>	64	
ii)	Water insoluble matter, percent by mass, <i>Max</i>	0.05	Annex B
iii)	Thiosulphate, percent by mass, <i>Max</i>	0.1	Annex C of IS 4751 : 1994
iv)	Arsenic (as As), mg/kg, <i>Max</i>	3	15 of IS 1699 : 1994
v)	Heavy metals (as Pb), mg/kg, <i>Max</i>	10	Annex C
vi)	Iron (as Fe), mg/kg, <i>Max</i>	5	Annex D
vii)	Selenium (as Se), mg/kg, <i>Max</i>	30	Annex E of IS 4751: 1994
ix)	pH of 10 percent aqueous solution	4.0 to 4.5	Annex E

[Page 3, Annex D] — Insert the following new annex:

Amendment No. 1 to IS 4752 : 1994

ANNEX E
[*Table 1, Sl No. (viii)*]

DETERMINATION OF pH

E-1 APPARATUS

E-1.1 pH Meter — Use a standard laboratory pH meter (*see* IS 2711 : 1979)

E-2 PROCEDURE

Dissolve 10 g of the sample in 100 ml water. Measure the pH of the solution using a standard pH meter. Repeat the test and record the mean pH value.